



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date January 22, 2020	EPA Reg No./File Symbol 95009-xx	Page 1 of 3
Applicant's/Registrant's Name & Address Maxunitech North America, LLC 853 Valparaiso Ave. Menlo Park, CA 94025	Product Maxunitech Carfentrazone 1.9 EW	

Ingredient carfentrazone-ethyl (CAS No.: 128639-02-1; Chemical Code: 128712)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT SPECIFIC DATA REQUIREMENTS					
830.1550	Product Identity and Composition	51040301	Maxunitech North America, LLC	OWN	
830.1600	Description of Materials Used to Produce the Product	51040301	Maxunitech North America, LLC	OWN	
830.1620	Description of the Production Process				Not Required ¹
830.1650	Description of the Formulation Process	51040301	Maxunitech North America, LLC	OWN	
830.1670	Discussion of Formation of Impurities	51040301	Maxunitech North America, LLC	OWN	
830.1700	Preliminary Analysis				Not Required ²
830.1750	Certified Limits	51040301	Maxunitech North America, LLC	OWN	
830.1800	Enforcement Analytical Method	51040303	Maxunitech North America, LLC	PER	
830.6302	Color	51040302	Maxunitech North America, LLC	OWN	
830.6303	Physical State	51040302	Maxunitech North America, LLC	OWN	
830.6304	Odor	51040302	Maxunitech North America, LLC	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals and Metal Ions				Not Required ³
830.6314	Oxidation / Reduction: Chemical Incompatibility	51040302	Maxunitech North America, LLC	OWN	
830.6315	Flammability	51040302	Maxunitech North America, LLC	OWN	Waiver ⁴
830.6316	Explosibility	51040302	Maxunitech North America, LLC	OWN	Waiver ⁵
830.6317	Storage Stability	51040302	Maxunitech North America, LLC	OWN	
830.6319	Miscibility	51040302	Maxunitech North America, LLC	OWN	Waiver ⁶
830.6320	Corrosion Characteristics	51040302	Maxunitech North America, LLC	OWN	
830.6321	Dielectric Breakdown Voltage	51040302	Maxunitech North America, LLC	OWN	Waiver ⁷
830.7000	pH	51040302	Maxunitech North America, LLC	OWN	
830.7050	UV / Visible Absorption				Not Required ³
830.7100	Viscosity	51040302	Maxunitech North America, LLC	OWN	

Signature 	Name and Title Maryanne Geisbush Agent	Date 1/22/2020
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Applicant's/Registrant's Name & Address Maxunitech North America, LLC 853 Valparaiso Ave. Menlo Park, CA 94025	Product Maxunitech Carfentrazone 1.9 EW	

Ingredient carfentrazone-ethyl (CAS No.: 128639-02-1; Chemical Code: 128712)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7200	Melting Point / Melting Range				Not Required ³
830.7220	Boiling Point / Boiling Range				Not Required ³
830.7300	Density / Relative Density / Bulk Density	51040302	Maxunitech North America, LLC	OWN	
830.7370	Dissociation Constants in Water				Not Required ³
830.7520	Particle Size, Fiber Length, and Diameter Distribution	51040302	Maxunitech North America, LLC	OWN	Waiver ⁸
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Not Required ³
830.7560	Partition Coefficient (n-octanol/water), Generator Method				Not Required ³
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				Not Required ³
830.7840	Water Solubility: Column Elution Method, Shake Flask Method				Not Required ³
830.7860	Water Solubility: Generator Column Method				Not Required ³
830.7950	Vapor Pressure				Not Required ³
870.1100	Acute Oral Toxicity – rat	51040304	Maxunitech North America, LLC	PER	
870.1200	Acute Dermal Toxicity – rat	51040305	Maxunitech North America, LLC	PER	
870.1300	Acute Inhalation Toxicity – rat	51040306	Maxunitech North America, LLC	PER	
870.2400	Eye Irritation	51040307	Maxunitech North America, LLC	PER	
870.2500	Skin Irritation	51040308	Maxunitech North America, LLC	PER	
870.2600	Skin Sensitization	51040309	Maxunitech North America, LLC	PER	

GENERIC DATA REQUIREMENTS

Maxunitech Carfentrazone 1.9 EW qualifies for Formulator's Exemption for carfentrazone-ethyl generic data requirements.

Signature 	Name and Title Maryanne Geisbush Agent	Date 1/22/2020
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Data Matrix Endnotes for Maxunitech Carfentrazone 1.9 EW

¹ **830.1620** - Per OPPTS 830.1000, these data are not required for the registration of an end-use product. See 830.1650 for formulation process information.

² **830.1700** – This product does not consist solely of the technical grade active ingredient (TGAi) and is not produced by an integrated system, therefore, per OPPTS 830.1700, these data are not required.

³ **830.6313, 830.7050, 830.7200, 830.7220, 830.7370, 830.7550, 830.7560, 830.7570, 830.7840, 830.7860 and 830.7950** – Per OPPTS 830.1000, these data are not required for the registration of an end-use product.

⁴ **830.6315** – Maxunitech North America, LLC requests a waiver from this data requirement because this product does not contain any flammable ingredients and is more than 50% water. Please refer to the Confidential Statement of Formula for Maxunitech Carfentrazone 1.9 EW.

⁴ **830.6316** – Maxunitech North America, LLC requests a waiver from this data requirement because none of the components in Maxunitech Carfentrazone 1.9 EW are explosive. Please refer to the Confidential Statement of Formula for Maxunitech Carfentrazone 1.9 EW.

⁵ **830.6319** –The product is not an emulsifiable liquid that will be diluted with petroleum solvents. Therefore, these data are not applicable nor are these data required.

⁶ **830.6321** – This product is not proposed for use around electrical equipment. Therefore, these data are not applicable nor are these data required.

⁷ **830.7520** – Maxunitech Carfentrazone 1.9 EW is not water insoluble and is not a fibrous material; therefore Maxunitech North America, LLC requests a waiver for this data requirement.